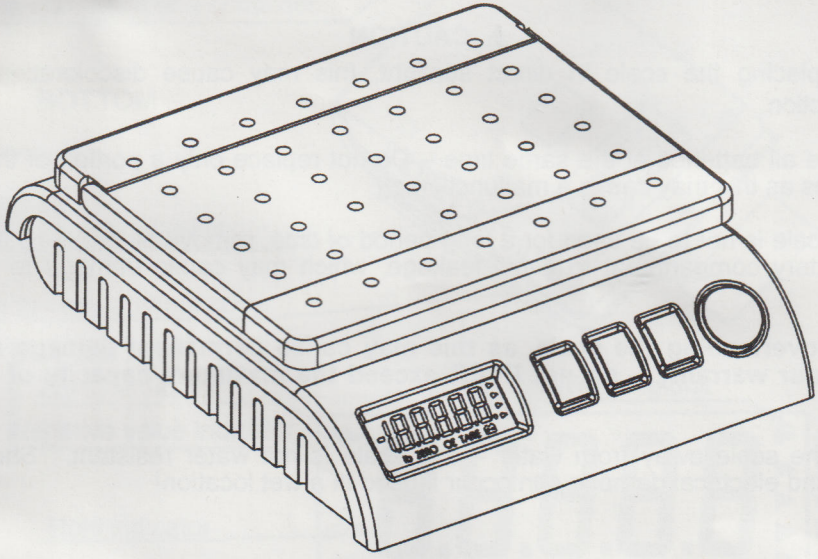
POSTAL SCALE

Model SPS

INSTRUCTION MANUAL



SAFETY PRECAUTIONS

All safety messages are identified by the words "**WARNING**" and "CAUTION". These words mean the following:

⚠**WARNING**	**Important information to alert you to a situation that might cause serious injury and damage to your property if instructions are not followed.**
⚠**CAUTION**	**Important information that tells how to prevent damage to the equipment.**

When using the scale, the following safety precautions should always be followed.

⚠ WARNING

Use only the correct AC adaptor with the scale. Other adaptors may cause permanent electrical damage.

⚠ CAUTION

Avoid placing the scale in direct sunlight, this may cause discoloration or malfunction.

Replace all batteries at the same time – Do not replace only a portion of the 4 batteries as this may cause a malfunction.

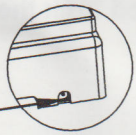
If the scale is not to be used for a long period of time, remove all batteries from the battery compartment to avoid leakage, which may cause damage to this scale.

Avoid overloading the scale, as this may cause permanent damage and void your warranty – do not EVER exceed the maximum capacity of the scale

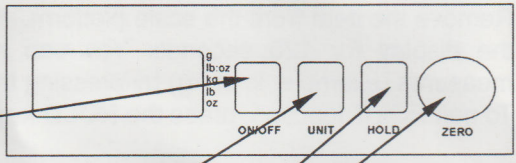
Keep the scale away from water – this scale is not water resistant. Shock, injury and electrical damage can occur if used in a wet location!

PARTS DESCRIPTION

► Right SIDE



AC adaptor
Socket



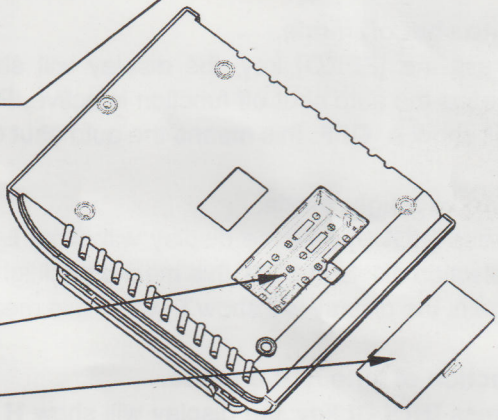
ON/OFF key
Turns the scale
power on/off.

UNIT key
Changes weighing units, e.g. g, lb:oz,kg,lb,oz.

HOLD KEY
Remain on the display for 120 seconds

ZERO key (for TARE)
Sets display to zero or
Subtracts weight of a container.

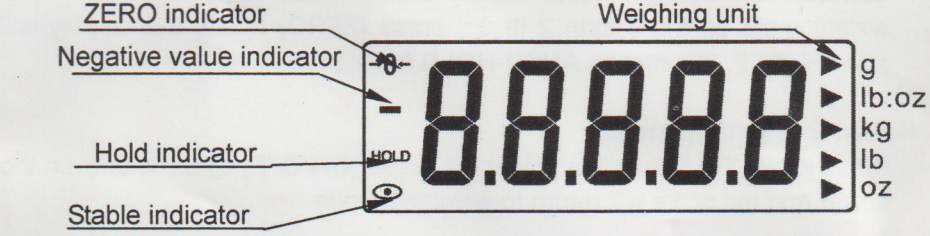
► BOTTOM



Batteries
Use 6xAA dry batteries

Battery compartment cover

► DISPLAY



HOLD FUNCTION

Once the HOLD key is pressed, the weight will remain on the display for 120 seconds after the item has been removed from the scale so the weight can easily be read.

1) Place the item on the scale platform.
2) Wait for the stable weights to be displayed.
3) Press the **HOLD** key. The "**HOLD**" hold indication will turn-on.
4) Remove the item from the scale platform. The item's weight will remain on the display for 120 seconds. You can now also convert this to other measures (example: lb or kg) by pressing the **UNIT** key
5) To quit **HOLD** function, press the **HOLD** key again.

FUNCTION SETTINGS

1. With the scale in **OFF** position, press and hold the **HOLD** key and turn on the scale by pressing **ON/OFF** key. The display will show **A_ON** or **A_OFF**.

2. **Auto shut off mode**.
   Press the **[ZERO]** key, the display will show **A_ON** or **A_OFF**. A_ON means the auto shut off function is active. Press **[ZERO]** again, the display will show **A_OFF**, this means the auto shut off function is inactive.

3. **Auto backlight mode**.
   Press **[HOLD]** key, the display will show **L_ON** or **L_OFF**, press **[ZERO]**, selection display L_ON, this means backlight function active, press **[ZERO]** again, the display will show **L_OFF**, this means backlight function inactive.

4. **Selection of auto HOLD mode.**
   Press **[HOLD]** key, the display will show **H_ON** or H_**OFF**, press **[ZERO]**, selection display H_ON, this means **AUTO-HOLD** function active （The weight must be more than 2 lb ）, press **[ZERO]** again, the display will show **H_OFF**, this means **AUTO-HOLD** function inactive.

5. Return **to weighing mode**.
   Press [ON/OFF] to turn the power off, press [ON/OFF] again to turn on the power and the scale will return to weighing mode.

WEIGHING

Whenever possible, please allow the scale to warm up for several seconds after first turning the power on so that the scale will function properly and accurately.

Error messages

EEEEE: Overload
Lob: Low battery

Weighing Procedures

1. Press **ON/OFF** to turn on the scale. The display will show "**HELLO**" for a few seconds and "**0**" will appear on the display.

2. Select the weighing unit by pressing "**UNIT**" key.

3. The selected unit will be display on the cursor next to the weight value.

4. Start weighing. Make sure the display is "**0**", if not press the "**ZERO**" key to zero the scale.

5. If you are using a container or tray, place the empty container on the scale; wait for the stability indicator to be displayed, press "**ZERO**", the display will read "0" with the tray or container on top.

6. Place your objects to be weighed on the container. The weight will be displayed once the scale is stable.

FEATURES

- Auto shut off (selectable)
- Auto calibration – with any known lb or kg weight
- Auto zero tracking
- Auto hold (selectable)
- g , lb, oz, kg , lb/oz conversion
- Large LCD (6 digits 15 mm high)
- Backlight (selectable)
- Large square weighing tray

SPECIFICATIONS

Model	Capacity	Division
SPS-35	35lb/16kg	2g/0.1oz 5g/0.2oz
SPS-55	55lb/25kg	5g/0.2oz 10g/0.5oz
SPS-75	75lb/34kg	5g/0.2oz 10g//0.5oz
Platter / Tray	215×180mm	
Net/gross weight	1260/1510g	
Package	Standard carton: 35x25x12.3 (cm^3)	
Operating Temperature	Optimum: 0-40℃C (32-104℉) F	
Power source	6×AA Size Batteries or AC/DC	
	Adapter 9V/100mA	

SPECIAL WARNING

Cell-Phones, Cordless-Phones, and any radio-frequency device can cause temporary interference and cause the scale to temporarily not work properly. Please do not use any electronic device near the SCALE. Just like in an Airplane, do not use your cell-phone near the scale when it is in use. While there is NO risk of permanent damage to the scale, interference can cause an incorrect calibration or incorrect weight readings.

SELECT UNIT CALIBRATION

Scale is pre-calibrated at factory, do not calibrate unless scale is not accurate

1. Press and hold ZERO key first before pressing ON/OFF key.
2. Release both keys
3. Display will show "**Cu=xx**"
4. Note: **xx** is the calibration weight.
5. Press **UNIT** key to select if calibration weight is kg or lb.
6. Press **HOLD** key to scroll up the 2nd or left digit weight (example 10, 20, 30, 40, 50, 60 and etc.)
7. Press **ZERO** key to scroll up the 1st or right digit weight (example 21, 22, 23, 24, 25, 26 and etc.)
8. Press **ON/OFF**
9. Display will show **CAL** and then a 5 digit A/D value. A/D value is the internal digital count on the scale. It should be more or less stable within +/- 5 counts. If it keeps going up or down continuously or remains very unstable, the load cell may be bad.
10. Press **ZERO**. (note this step is to capture the zero point – no weight on the scale platter)
11. Display will show "**Cu=xx**". (note: xx is the weight in lb or kg that you entered on steps 6 and 7)
12. Place weight on scale
13. Display will show **PASS** and return to normal weighing mode
14. Calibration is complete, remove the weights and turn off the scale

If calibration is repeatedly incorrect then:

1) Replace the batteries

2) Try a more stable surface or vibration and interference free location,